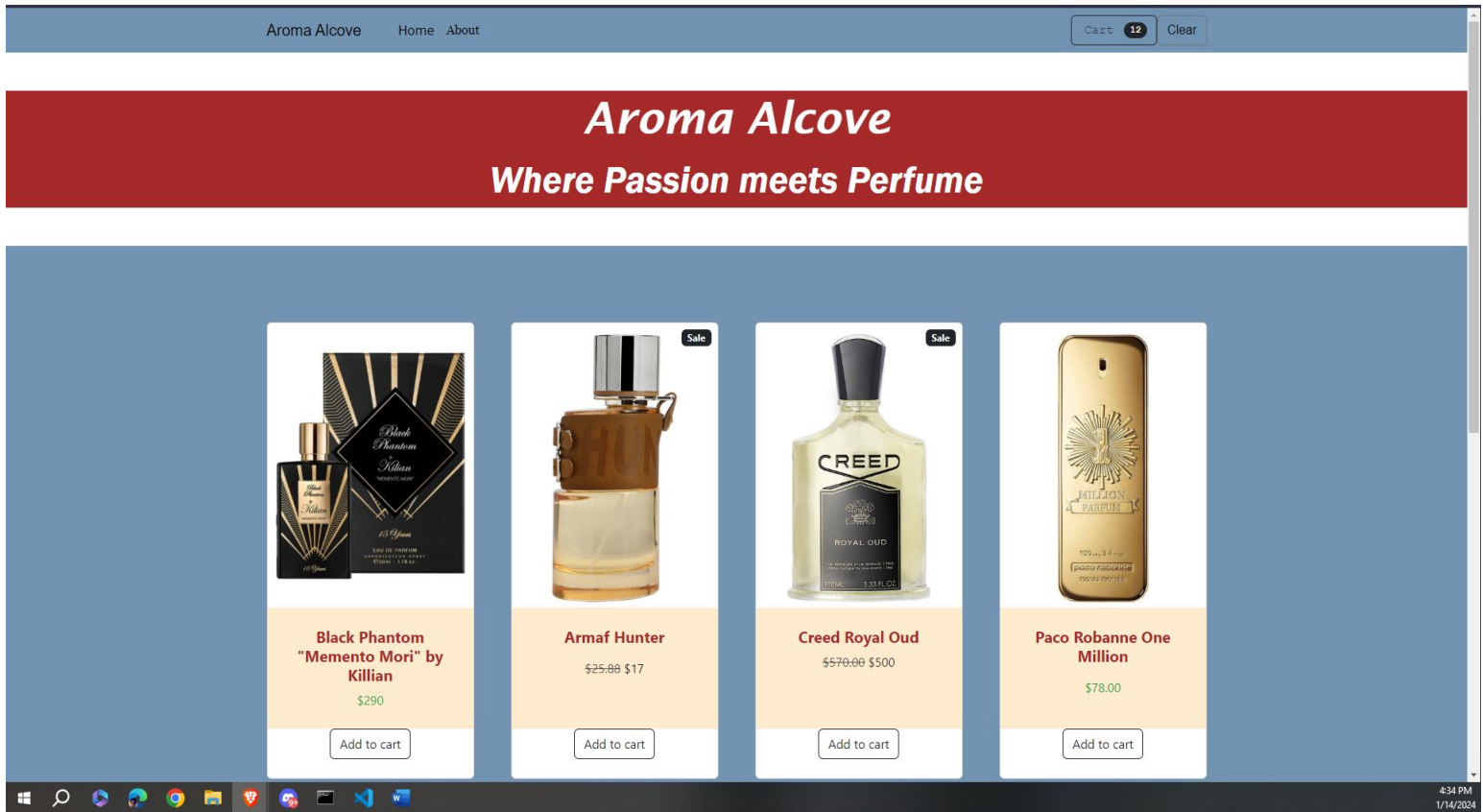Enriquez Juan Miguel T.
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Lab Activity 3: Building an SPA for a Small Business (BOOTSTRAP)

The Website

Interpolation in HTML templates is done by placing expressions inside double curly braces ({{ }}).
For example, the 'brand' property in the component class, set to "Aroma Alcove," is interpolated
within the anchor tag text.

```typescript
import { Component } from '@angular/core';

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'angular_data_binding';
  clientName = "Miguel Enriquez"; //property
  appliedCSS = "black"; //style
  notAppliedCSS = false;
  myColor = "white";
  brand = "Aroma Alcove";

  clickCount =0
  clickMe(){
    this.clickCount++;
  }

  resetClickCount(){
    this.clickCount=0;
  }
}
```

```html
<!-- Navigation-->
<nav class="navbar navbar-expand-lg navbar-light" style="background-color: #7393B3; font-family: 'Arial', sans-serif;">
  <div class="container px-4 px-lg-5">
    <a class="navbar-brand" href="#!" href="#!">{{ brand }} </a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent"
    aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
```

Ensure the anchor tag content dynamically mirrors the brand property
value in TypeScript.

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Property Binding, illustrated by the [property]="expression" syntax, binds the color of the heading to the 'myColor' property in the TypeScript class.

```typescript
export class AppComponent {
  title = 'angular_data_binding';
  clientName = "Miguel Enriquez"; //property
  appliedCSS = "black"; //style
  notAppliedCSS = false;
  myColor = "white";
  brand = "Aroma Alcove";
```

```html
<header class="head">
 <div class="container px-4 px-lg-5 my-5">
    <div class="text-center text-white">
        <h1 class="display-4 fw-bolder"  [style.color]="myColor">Aroma Alcove</h1>
        <p class="Passion">Where Passion meets Perfume</p>
    </div>
 </div>
</header>
```

By updating the myColor property in the code, the style color of the heading is automatically adjusted.

Event Binding, denoted as (event)="expression," enables efficient handling of user interactions. For example, the "Clear" button triggers the resetClickCount method, resetting the count to 0 upon clicking.

```html
<button (click)="resetClickCount()" class="btn btn-outline-secondary" style="color: #000000; font-family: 'Helvetica', sans-serif;">Clear</button>
```

```typescript
resetClickCount(){
  this.clickCount=0;
}
```

Like resetClickCount, clickMe is an event binding activated by the "Add to Cart" button click.

Black Phantom "Memento Mori" by Killian

$290

Add to cart

Armaf Hunter

$25.88 $17

Add to cart

Creed Royal Oud

$570.00 $500

Add to cart

Paco Robanne One Million

$78.00

Add to cart

```
clickCount =0
clickMe(){
    this.clickCount++;
}
```

Whenever the "Add to Cart" button is clicked, it triggers the 'clickMe' method in the code, incrementing the 'clickCount' property. This property acts as a counter, dynamically tracking the number of buttons clicks and adding interactivity to the application. To remove items from the cart, simply press "Clear." In summary, Angular's data binding optimizes the communication between the component and template, improving flexibility and responsiveness in the application.